ACS PRE-DEPARTURE MODING CONFIGURATION

> NOTE
> Set/Configure Pending Back Off timer a minimum of one hour
> before undocking. Program default is 10 seconds.

PCS

1. <u>SET PENDING BACK OFF TIMER FOR ORBITER DEPARTURE</u>
    ACS Moding
    | ACS Moding |
    'Departure'

    sel Pending Back Off Time Primary NCS - Command
    cmd 10 seconds **Execute**
    √Back Off Time Arm Primary NCS - X
    √Pending Back Off Time Primary NCS - 00:10

    sel Pending Back Off Time Secondary NCS - Command
    cmd 10 seconds **Execute**
    √Back Off Time Arm Secondary NCS - X
    √Pending Back Off Time Secondary NCS - 00:10

    ```
    * ***************************************************************************** *
    *  If the Pending Back Off Time needs to be canceled or configured  *
    *  later, disarm the current Pending Time as follows:               *
    *                                                                   *
    *       sel Back Off Time Primary NCS - Command                     *
    *       cmd Cancel_Pending_Back_Off_Time  Execute                   *
    *       √Back Off Time Arm Primary NCS - Blank                      *
    *                                                                   *
    *       sel Back Off Time Secondary NCS - Command                   *
    *       cmd Cancel_Pending_Back_Off_Time  Execute                   *
    *       √Back Off Time Arm Secondary NCS - Blank                    *
    * ***************************************************************************** *
    ```

2. <u>INCORPORATE PENDING BACK OFF TIME</u>
    sel Back Off Time Primary NCS - Command
    cmd Incorporate_Pending_Back_Off_Time **Execute**
    √Back Off Time Arm Primary NCS - Blank
    √Back Off Time Primary NCS - 00:10

    sel Back Off Time Secondary NCS - Command
    cmd Incorporate_Pending_Back_Off_Time **Execute**
    √Back Off Time Arm Secondary NCS - Blank
    √Back Off Time Secondary NCS - 00:10

3. <u>VERIFY ACS MODING ROLE CONFIGURATION</u>
    'ACS Configuration'

    √Moding Role Primary, Secondary NCS - Full

4. <u>VERIFY RUSSIAN SEGMENT MODE STATUS</u>
'ACS Configuration'

√RS Mode Primary, Secondary NCS - Drift

5. <u>VERIFY INITIAL ACS HW SIGNAL CONFIGURATION</u>

PCS   ACS Moding: ACS Moding HW Signals
| ACS Moding HW Signals |
'Departure'

√PMA2 Interface Sealed N1-1, N1-2 NCS - X
√PMA2 Undocking Complete N1-1, N1-2 NCS - Blank

6. <u>VERIFY NCS SOFTWARE DEPARTURE EVENT STATUS AND</u>
<u>CONFIGURATION</u>

PCS   ACS Moding
| ACS Moding |
'Departure'

√Departure Event Primary, Secondary NCS - Blank
√PMA2 Interface Sealed Primary, Secondary NCS - X
√PMA2 Undocking Complete Primary, Secondary NCS - Blank